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Mr. Ramsey -

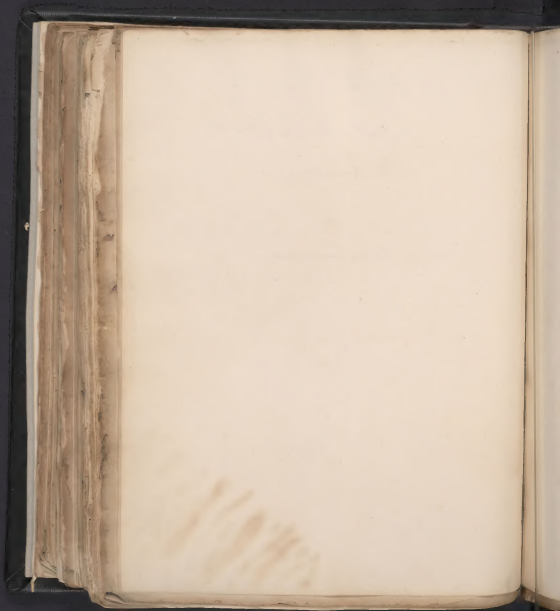
Respiration

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Calicut
Pepin



An Essay
on
Respiration



The intimate connexion which obviously subsists between the due course of the function of the lung & the phenomena of animal life, has always given to the subject which I have chosen, a prominent rank in Physiology; it has constantly risen in importance in proportion as it has been better understood, and there are at present many who believe that the vital principle itself is evolved during respiration.

In the early periods of Physiological speculation, this partook largely of the darkness in which other subjects of this nature were involved, & even at the present time, with all the additional light which improved arts of investigation, & the important discoveries in collateral branches of natural science have shed upon it, our knowledge of it is far from having attained that degree of perfection which invites further research so valuable.

Discouraging as the prospect appears to those who are about to attempt what so many have failed in, there are not wanting on the other hand some motives of a contrary tendency independent of those which naturally arise out of the interesting & important nature of the subject.

Handwritten text in a cursive script, likely from a 17th or 18th-century manuscript. The text is written in a single column and appears to be a letter or a formal document. The ink is dark, and the paper shows signs of age and wear, including some staining and discoloration. The handwriting is somewhat faded and difficult to decipher in many places, but it seems to contain several paragraphs of text. The right edge of the page shows the binding of the book, and the left edge shows the gutter where the page meets the next.

Each reasoning requires may avail himself of the
facts & observations of his predecessors & may profit by
their errors, and although this attempt may also prove un-
successful, yet by the development of new facts or by a
happy comparison & combination of those already known,
it may in no small degree contribute to the advance-
ment of science, or to the more perfect knowledge of the subject
to which his attention has been more particularly
directed:—until at length by successive contributions a
~~new~~ ^{new} may be ~~erected~~ ^{established} capable of withstanding the attack
of all future assailants—

The prevailing spirit of the age leaves no room to
apprehend that a false theory, once when upheld by
great authority, should operate unfavorably by check-
ing the progress of enquiry.—Now we are now engaged
in pulling down than in building up & there is con-
sequently rather, that in their zeal for annihilating the
works of their predecessors, the more valuable part of
the materials in the accumulation of which so much
rest & labor have been expended, should be over-
whelmed & lost in the ruins of the fabric—

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[illegible]



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[illegible]



and a small lake to the west of the mountain
and an extensive field to the east of the
lake. The lake is the largest of the
three, and is the most fertile. The
mountain is the highest, and is covered
with the best of land. The lake is the
best of the three. The mountain is the
highest, and is covered with the best of
land. The lake is the best of the three.
The mountain is the highest, and is covered
with the best of land. The lake is the
best of the three. The mountain is the
highest, and is covered with the best of
land. The lake is the best of the three.



The first thing I noticed when I stepped out of the car was the cold. It was a sharp contrast to the warm, humid air of the city. I shivered slightly, pulling my coat closer. The streets were empty, the only sound being the distant hum of traffic. I walked towards the old building, my footsteps echoing on the cobblestones. The air smelled of old wood and rain.

As I approached the entrance, I noticed a small sign above the door. It was written in a language I didn't know, but the words "Welcome" were clear. I pushed the door open, and a warm light greeted me. The interior was dimly lit, with a large fireplace on the left wall. A small table with a lamp sat in the center. The walls were covered in tapestries, and the floor was made of polished stone. I felt a sense of peace and comfort, as if I had found a hidden gem.

I walked towards the back of the room, where a large window looked out onto a garden. The garden was filled with flowers, and the air was filled with the scent of earth and blossoms. I stood there for a moment, taking in the view. The garden was a beautiful sight, with a variety of flowers in different colors. I felt a sense of joy and wonder, as if I had discovered a secret garden.



gas expands & as the steam subsides the air
which has passed through the system & expanded
in the air & carbonic acid. But according to the
fact the calculation of carbonic acid should remain
after the sublimation of oxygen & not after
until the blood has reformed a combustible
blood though the oxygen subsides until that point
it must have previously contained the carbonic
acid & hydrogen gas. even. But now the air
remains in some form, no such reaction as carbonic
acid takes place - that only is expelled from the
lungs which they contained at the first introduction
of the hydrogen.

The statement of "resting" here is not to be
taken as the nature of oxygen, but as the
nature of it appears that the oxygen is not
resting here. It is in the lungs & that at contact
with blood it combines & is not as power. But if
we say that, ourselves the same, then that of course
is what - but the same, and the same, and
the same, & so on by hand.



The first thing that I noticed when I stepped
 out of the car was a strong sense of
 relief. The humidity of the city was
 replaced by the cool breeze of the
 mountains. The air was fresh and
 the view was breathtaking. I had
 heard that the mountains were beautiful,
 but I didn't realize how much I needed
 to see them. The mountains were
 everywhere, rising up from the
 valleys and reaching towards the sky.
 The peaks were covered in snow, and
 the glaciers were a sight to behold.
 I had heard that the glaciers were
 beautiful, but I didn't realize how
 much I needed to see them. The
 glaciers were everywhere, flowing
 down the mountainsides and filling
 the valleys. The water was crystal
 clear, and the ice was a brilliant
 white. I had heard that the glaciers
 were beautiful, but I didn't realize
 how much I needed to see them.

[illegible]

It is however altogether unnecessary to suppose the
existence of any such communication between the
arteries and the veins, for it is perfectly known
that the blood is acted on by the air thro' the
membrane of a bladder although the body imper-
meable to a gas in which no gaseous respiration or
absorption could possibly exist.

It is at the same time as a mere adaptation
to the theory of respiration, nothing more, and
is in accordance with a general natural principle, viz. that
the ~~force~~ ^{force} tends to attract the fluid medium
by which it is surrounded for the same reason that
the air and common fluid tend to be respectively attracted
by an instrument at the first application to -

But when that this experiment should support
the weight which is too subtracted of the doctrine
now attached to it, it must be remembered that
the claim of it is the blood is owing to the
absorption of oxygen & not from such vessels
the subject of mistake still. It is necessary
first to prove that oxygen is absorbed, before the
claim of respiration be admitted to supersede it.



The answer is that the *Thalassidroma* is a
a great deal more common in the winter
than in the summer, and that it is a great deal
more common in the winter than in the summer.
The answer is that the *Thalassidroma* is a
a great deal more common in the winter
than in the summer, and that it is a great deal
more common in the winter than in the summer.



[illegible]





In the first place, the author of the "History of the
Republic of Rome" has not only written a book of
great interest, but also a book of great value. It is
a book which is not only interesting to read, but
also a book which is of great value to the student of
the history of Rome. The author has not only written
a book of great interest, but also a book of great
value. It is a book which is not only interesting to
read, but also a book which is of great value to the
student of the history of Rome. The author has not
only written a book of great interest, but also a book
of great value. It is a book which is not only
interesting to read, but also a book which is of great
value to the student of the history of Rome.

The second book which I have read is "The
History of the Republic of Rome" by the same author.
This is a book of great interest and value. It is a
book which is not only interesting to read, but also
a book which is of great value to the student of the
history of Rome. The author has not only written a
book of great interest, but also a book of great
value. It is a book which is not only interesting to
read, but also a book which is of great value to the
student of the history of Rome. The author has not
only written a book of great interest, but also a book
of great value. It is a book which is not only
interesting to read, but also a book which is of great
value to the student of the history of Rome.

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both essential features of the thought of the
Jewish people. It is not that the Jewish
people have not been able to grasp the
idea of the infinite. But what the Jewish
people have been able to grasp is the
idea of the finite. The Jewish people
have been able to grasp the idea of the
finite, and this is the reason why they
are not able to grasp the idea of the
infinite. The Jewish people are not
able to grasp the idea of the infinite
because they are not able to grasp the
idea of the finite. The Jewish people
are not able to grasp the idea of the
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grasp the idea of the infinite.



[illegible]



[illegible]



[illegible]



[illegible]



[illegible]



[illegible]



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was this other point which I was
 just making a reference to. They are not in
 the same way as the 1849 intention
 was the blood & vigor & the vigor there
 is more the moral animation power which
 then imparts to it directs also a con-
 siderable into the electric fluid - & was that the
 force of action not also then in the act
 is same & energy is the same even a re-
 sistance by the electricity in blood liberated
 the same. I would say this would require
 some of experience as being related which was
 that as it present was not present & to not
 in a subject - a patient & a disease -
 and a different character with the same results
 from very different what relate to the same point
 but not drawing light from the same attractions
 but which I saw after a great while & by the way
 were situated a character - it was not an
 investigation extracted with the same & was not
 with a due regard to the results which would be
 the same & by the way I think it is important
 not to be in a hurry to draw conclusions



I have been thinking of you very much lately, and
 wondering how you are getting on. I hope you are
 well and happy. I have been very busy lately, but
 I have managed to find some time to write to you.
 I have been thinking of you very much lately, and
 wondering how you are getting on. I hope you are
 well and happy. I have been very busy lately, but
 I have managed to find some time to write to you.



[illegible]



It appears then I think from the facts & observations above detailed -

1st That black blood separated from the body & exposed to the air, is reduced by something which is transmitted through metals & intercepted by glass and which is exhausted during the formation of carbonic acid - -

2^{dly} That it is probable that in the union of carbon & oxygen the electric fluid is soaked.

3^{dly} That by this fluid black blood is changed to red -

4^{thly} That arterial blood exhibits a positive state of Electricity -

5^{thly} That the electric fluid is constantly passing off from the animal body -

Hence I have been induced to suspect that the changes which the blood undergoes in its passage through the lungs are to be attributed to its union with electricity evolved during the formation of carbonic acid.

Am. Hart

It would be easy for me to elaborate over the
wide field for speculation which their views of
the subject afford and to apply them in a ver-
ry plausible manner to the explanation of many
of the phenomena of animal life. The evidence
by which they are supported would not however
warrant such an application, -- it must there-
fore be deferred until more ample time and means
shall enable me either to establish the theory
upon the firm basis of observation & experiment,
or compel me to consign it to the fate which
so many before it have experienced --

Finis

The first of these is the fact that the
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